	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
1	IS&R	L1	2980	(310/325,328,338,340,345,346).CCLS.	USPAT	2007/07/05 11:31	
2	IS&R	L2	536	(310/325,328,338,340,345,346).CCLS.	US-PGPUB	2007/07/05 11:32	
3	BRS	L3	21	piezoelectric adj3 module and (seam or weld)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	2007/07/05 11:36	
4	BRS	L4	0	piezoelectric adj3 module and butting adj2 edge	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	2007/07/05 11:36	
5	IS&R	L5	328	(310/348).CCLS.	JPO; DERWENT	2007/07/05 11:49	
6	IS&R	L6	112	(310/369).CCLS.	JPO; DERWENT	2007/07/05 12:03	
7	IS&R	L7	100	(310/367).CCLS.	JPO; DERWENT	2007/07/05 12:08	
8	IS&R	L8	1306	(310/311).CCLS.	JPO; DERWENT	2007/07/05 12:09	

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
9	BRS	L9	85	18 and cylind$5	JPO; DERWENT	2007/07/05 12:10	

WORLD INTELLECTUAL PROPERTY ORGANIZATION

IP SERVICES

Results of searching in PCT for:
piezoelectric and (first near seam and second near seam) and (cas* or module): 2 records
Showing records 1 *to* 2 *of* 2 :

[Search Summary]

Refine Search | piezoelectric and (first near seam and second near sea

RSS

	Title	Pub. Date	Int. Class	Applicant
1.	(WO 1993/009746) ELASTICIZED DISPOSABLE TRAINING PANT AND METHOD OF MAKING THE SAME	27.05.1993	A61F 13/15	THE PROCTER & GAMBLE COMPANY

A unitary disposable garment, such as disposable training pants, having a high degree of stretch in the cross-machine direction and fitting a broad range of wearer sizes. The unitary disposable garment is manufactured from a chassis and has a waist opening, two leg openings and a pair of side seams which join the front portion of the chassis to the rear portion of the chassis. The unitary disposable garment preferably has an absorbent assembly, i.e. an absorbent insert, secured to the inner layer of the chassis. The chassis from which the unitary disposable garment is manufactured, has four elasticized ear flaps; each ear flap is elasticized by securing an elastomeric element thereto and mechanically stretching the ear flap and the elastome...

2.	(WO 1993/009742) METHOD OF MAKING A DISPOSABLE TRAINING PANT HAVING FUSION-SLIT SIDE SEAMS AND DISPOSABLE TRAINING PANT PRODUCED THEREFROM	27.05.1993	A61F 13/15	THE PROCTER & GAMBLE COMPANY

A method of making and a disposable garment manufactured from a fusion-slit chassis having a pair of seams. The seams are formed by folding the chassis in the crotch portion so that the longitudinal side regions of the front portion and rear portion are superposed to form seaming areas; each seaming area is treated with ultrasonic energy sufficient to sever the material of the seaming area in a **first** area while simultaneously bonding the material of the seaming area in a marginal area adjacent the **first** area to form a flangeless **seam** which extends from the disposable garment 1/16" or less, preferably 1/32" or less, and in a preferred embodiment will form a splice between the front portion and rear portion of the chassis. The seaming area ...

Search Summary

RSS

piezoelectric: 194977 occurrences in 19113 records.
first NEAR seam: 3480 occurrences in 804 records.
first NEAR seam: 3480 occurrences in 804 records.
(first NEAR seam AND first NEAR seam): 804 records.
second NEAR seam: 2591 occurrences in 638 records.
((first NEAR seam AND first NEAR seam) AND second NEAR seam): 413 records.
(piezoelectric AND ((first NEAR seam AND first NEAR seam) AND second NEAR seam)): 2 records.
cas*: 6222035 occurrences in 754389 records.
module: 2598722 occurrences in 119042 records.
(cas* OR module): 782193 records.
((piezoelectric AND ((first NEAR seam AND first NEAR seam) AND second NEAR seam)) AND (cas* OR module)): 2 records.
Search Time: 25.17 seconds.

tmd

WORLD INTELLECTUAL PROPERTY ORGANIZATION IP SERVICES

Results of searching in PCT for:
piezoelectric and (first near weld and second near weld) and (cas* or module): 3 records
Showing records 1 *to* 3 *of* 3 :

[Search Summary]

Refine Search | piezoelectric and (first near weld and second near weld

	Title	Pub. Date	Int. Class	Applicant
1.	(WO 2005/061878) POLYMERIC BODIED FUEL INJECTORS AND METHOD OF MANUFACTURING THE POLYMERIC BODIED FUEL INJECTORS	07.07.2005	B29C 45/14	SIEMENS VDO AUTOMOTIVE CORPORATION

A fuel injector is described that includes a polymeric housing, a metering assembly, and a closure assembly. The polymeric housing includes a continuous polymeric bore that extends from a **first** external seal proximate an inlet to a **second** external seal proximate an outlet of the bore along a longitudinal axis. The metering assembly is disposed proximate the **second** external seal. The closure assembly is disposed proximate the metering assembly, and a portion of the closure assembly is contiguous to the polymeric bore and disposed between the **first** and **second** external seals. A method of maintaining leak integrity is described

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2. (WO 2003/087733) INTERNAL RISER INSPECTION DEVICE — 23.10.2003 — G01B 17/02 — ABB VETCO GRAY INC.

An internal inspection unit (19) for pipe (13) has ultrasonic transducers (59) that inspect **weld** volume, **weld** root, and wall thickness. The ultrasonic transducers (59) are mounted to a portion of the inspection unit that is rotatable, but no more than one full revolution. One of the units has independently movable shoes for each separate pneumatic cylinders (35). The other unit has shoes that support more than one transducer (57) the shoes being biased outwardly by springs.

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3. (WO 2001/025739) METHOD AND ARRANGEMENT FOR INSPECTION AND REQUALIFICATION OF WEHICLES USED FOR TRANSPORTING COMMODITIES AND/OR HAZARDOUS MATERIALS — 12.04.2001 — G01M 17/007 — GENERAL ELECTRIC RAILCAR SERVICES CORPORATION

In order to improve the safety with which commodities (including regulated hazardous materials) can be shipped by rail around the country in tank cars and the like, each tank and associated undercarriage and structure is inspected and requalified according to an exhaustive predetermined list of sites, tests, parameters and apparatus comprising, broadly, determining which type of vehicle is under inspection and selecting an exhaustive list of sites to be inspected for the identified type of vehicle from an instruction set. Each of the listed sites is inspected in accord with the instructions set forth for each of the listed sites in the instruction set and the data derived from implementation of the tests conducted at each of the exhaustive ...

Search Summary

piezoelectric: 194977 occurrences in 19113 records.
first NEAR weld: 3361 occurrences in 750 records.
first NEAR weld: 3361 occurrences in 750 records.
(first NEAR weld AND first NEAR weld): 750 records.
second NEAR weld: 2772 occurrences in 613 records.
((first NEAR weld AND first NEAR weld) AND second NEAR weld): 356 records.
(piezoelectric AND ((first NEAR weld AND first NEAR weld) AND second NEAR weld)): 4 records.
cas*: 6222035 occurrences in 754389 records.
module: 2598722 occurrences in 119042 records.
(cas* OR module): 782193 records.
((piezoelectric AND ((first NEAR weld AND first NEAR weld) AND second NEAR weld)) AND (cas* OR module)): 3

WORLD INTELLECTUAL PROPERTY ORGANIZATION IP SERVICES

Results of searching in PCT for:
piezoelectric and (oppos* near seam*): 4 records
Showing records 1 *to* 4 *of* 4 :

[Search Summary]

Refine Search | piezoelectric and (oppos* near seam*)

	Title	Pub. Date	Int. Class	Applicant
1.	(WO 2006/068716) ULTRASOUND SYSTEM AND METHODS FOR MEASURING WELD PENETRATION DEPTH IN REAL TIME AND OFF LINE	29.06.2006	G01N 29/032	GEORGIA TECH RESEARCH CORPORATION

Disclosed are systems and methods that permit both real-time, and off-line, measurement of weld penetration depth. Exemplary systems and methods comprise an ultrasound source (20), such as a pulsed Nd:Yag laser, that simultaneously generates longitudinal and shear waves that radiate adjacent one side of a weld joining two specimens. An ultrasonic sensor (24), such as an electro-magnetic acoustic transducer (24) or a piezo-electric transducer, capable of detecting shear and/or longitudinal waves, is disposed on an **oppos**ite side of the weld from the source. A signal processor (23) is coupled to the sensor (24) that processes time of flight signals for selected longitudinal or shear waves transmitted across the weld **seam** (19). The signal proce...

2.	(WO 2004/078067) WARP KNIT FABRICS USEFUL FOR MEDICAL ARTICLES AND METHODS OF MAKING SAME	16.09.2004	D04B 23/10	MCMURRAY FABRICS INCORPORATED

The present invention provides articles useful in medical applications including the treatment of heart diseases, and methods for producing the articles. Embodiments include warp knitted fabrics, both single and multilayer, medical articles and methods of making the same.

3.	(WO 1997/040748) ACOUSTIC MONITORING SYSTEM	06.11.1997	A61B 5/113	THE UNITED STATES OF AMERICA, represented by THE SECRETARY OF THE ARMY SCANLON, Michael, V.

This invention is a transducer (14) in communication with fluid in a pad (12), held in close contact against a sound or movement (19) source which monitors acoustic signals transferred into the fluid (62). The signal pattern is monitored aurally and/or compared to predetermined reference patterns, and optional control and stimulation means can be activated in response to the comparison results. The sensed acoustic signal can be transmitted to a remote receiver or processed locally. Typically, the acoustic signal is representative of the heartbeat or breathing of a living organism. The monitoring system may be applied to diverse situations including SIDS, apnea, home baby monitoring, medical transport devices, blood pressure cuffs, seats, co...

4.	(WO 1989/009552) HEATED AND COOLED BOOT AND SUIT WITH FORCED AIR CIRCULATION	19.10.1989	A41D 19/00	LAKIC, Nikola

A boot (10) has an internal forced air circulation system and an inflatable lining (64). The boot can also be used to circulate air through protective clothing and can have a footwarmer mechanism. In one embodiment, the footwarmer mechanism includes an electrical resistance heater (394), an electrical generator (64), a mechanical transducer (60) to translate vertical movements of the wearer's heel into unidirectional rotational movement of a flywheel (123), and a gear box (62) mechanically coupling the flywheel to the electrical generator. Optional features include a rechargeable storage battery (65) and a radio transmitter (67) for generating a signal useful for locating the wearer. In another embodiment (326, 328) the footwarmer mechanism...

Search Summary

piezoelectric: 194977 occurrences in 19113 records

WORLD INTELLECTUAL PROPERTY ORGANIZATION IP SERVICES

Results of searching in PCT for:
piezoelectric and (oppos* near weld*): 17 records
Showing records 1 *to* 17 *of* 17 :

[Search Summary]

Refine Search | piezoelectric and (oppos* near weld*)

	Title	Pub. Date	Int. Class	Applicant
1.	(WO 2007/068979) DETECTION OF DEFECTS IN **WELD**ED STRUCTURES	21.06.2007	G01N 29/22	BAE SYSTEMS PLC

A method of detecting defects in a **weld**ed metal structure, comprising mounting an ultrasonic transducer at or adjacent to a **weld** seam, and emitting ultrasonic signals so that the signals are propagated in the **weld** seam acting as a wave guide, and detecting reflections of the signals that may be indicative of defects in or adjacent to the **weld** seam. Waveguiding occurs within the **weld** principally because it is thicker than the plate, and thus the phase velocity in the plate is greater than that in the **weld**. This results in total internal reflection within the **weld**. In addition, an evanescent wave propagates in a region adjacent to the **weld**. The common problem with non destructive testing of excitation and reception of unwanted modes is greatl...

2.	(WO 2007/057733) MOBILE STATION COVER AND **WELD**ING METHOD	24.05.2007	B29C 65/08	NOKIA CORPORATION

Various embodiments are directed to an improved mobile station cover assembly adapted for at least partially enclosing a wireless telecommunications signal receiving and generating assembly. In one embodiment, the cover assembly includes a belt adapted to receive one or more **weld**able articles. The belt has a first end, a second end and a pair of side edges. The pair of side edges are laterally spaced from each other and extend between the first and second ends. Also included in the belt are first and second portions wherein the first portion is adjacent the first end and the second portion is adjacent the second end. Positioned between the first and second portions is a foldable portion. The foldable portion extends between the side edges a...

3.	(WO 2006/068716) ULTRASOUND SYSTEM AND METHODS FOR MEASURING **WELD** PENETRATION DEPTH IN REAL TIME AND OFF LINE	29.06.2006	G01N 29/032	GEORGIA TECH RESEARCH CORPORATION

Disclosed are systems and methods that permit both real-time, and off-line, measurement of **weld** penetration depth. Exemplary systems and methods comprise an ultrasound source (20), such as a pulsed Nd:Yag laser, that simultaneously generates longitudinal and shear waves that radiate adjacent one side of a **weld** joining two specimens. An ultrasonic sensor (24), such as an electro-magnetic acoustic transducer (24) or a piezo-electric transducer, capable of detecting shear and/or longitudinal waves, is disposed on an **oppos**ite side of the **weld** from the source. A signal processor (23) is coupled to the sensor (24) that processes time of flight signals for selected longitudinal or shear waves transmitted across the **weld** seam (19). The signal proce...

4.	(WO 2005/113218) AN ULTRASONIC **WELD**ING DEVICE	01.12.2005	B31B 1/64	AZIONARIA COSTRUZIONI MACCHINE AUTOMATICHE A.C.M.A. S.P.A.

An ultrasonic **weld**ing device (1) comprises a housing (2) fastened rigidly to an automatic machine, an ultrasonic **weld**er (4) mounted to the housing (2), and a set of coil springs (5) installed between the housing (2) and the ultrasonic **weld**er (4), by which the position of a **weld**ing tip (11) is adjusted automatically in relation to the surface being **weld**ed, so that the tip (11) can be maintained firmly in contact with the surface throughout the **weld**ing operation.

5.	(WO 2005/102588) COMPENSATION PLATES AND COMPLIANT MEMBERS FOR LASER **WELD**ING A NON-UNIFORMLY THICK WORK PIECE TO ANOTHER	03.11.2005	B23K 26/00	LEXMARK INTERNATIONAL, INC.

In a system for laser **weld**ing upper and lower work pieces (12, 18) along a **weld** interface, the upper work piece (12)

RESULT LIST
Approximately **67** results found in the Worldwide database for:
piezoelectric or actuator or module in the title AND **weld*** **and seam*** in the title or abstract
(Results are sorted by date of upload in database)

1 Steam injection module for heating pumped products
Inventor: BROCKMANN GERHARD (DE); HERMANN REGINA (DE)
Applicant: STEPHAN MACHINERY GMBH & CO (DE)
EC: A23L3/22; F28C3/06
IPC: ***A61L2/08; A23L3/22; A61L2/07*** (+9)
Publication info: **US2007128095** - 2007-06-07

2 NON-CONTACT OR HYBRID CONTACT/NON-CONTACT CARD WITH MICRO-CHIP AND INCREASED RESISTANCE OF ELECTRONIC MODULE
Inventor: ALOP KRISTOF (FR)
Applicant: ASK SA (FR)
EC: G06K19/077K; G06K19/077M; (+1)
IPC: ***B42D15/10; G06K19/077; G06K19/07*** (+3)
Publication info: **RU2295155** - 2007-03-10

3 Elastic sock for holding a foot protection module has opening over arch to facilitate fitting and removal
Inventor: MILLET JEAN CLAUDE
Applicant: MILLET INNOVATION SA (FR)
EC: A41B11/00; A61F15/00C
IPC: ***A41B11/00; A41D13/06; D04B1/26*** (+3)
Publication info: **FR2879899** - 2006-06-30

4 SONIC OR ULTRASONIC HORNS FOR USE IN PIEZOELECTRIC AND OTHER TRANSDUCERS
Inventor:
Applicant: BRANSON INSTR (US)
EC: B23K20/10D; B29C65/00G10; (+1)
IPC: ***B23K20/10; B29C53/00; B29C65/00*** (+6)
Publication info: **GB1262534** - 1972-02-02

5 Module for resistance welding tongs
Inventor: GOETZ ECKART (DE); MUELLER HEINZ-ULLRICH (DE); (+1)
Applicant:
EC: G01N29/11; B23K11/24A; (+2)
IPC: ***B23K11/24; B23K11/25; B23K31/12*** (+4)
Publication info: **US2005127047** - 2005-06-16

6 Conductive adhesive and piezoelectric device using it
Inventor: IGUCHI SHUICHI (JP)
Applicant: SEIKO EPSON CORP (JP)
EC: H03H9/05C
IPC: ***C09J9/02; C09J11/04; C09J201/00*** (+16)
Publication info: **EP1505729** - 2005-02-09

7 Fuel cell module with framed bipolar plate
Inventor: BARTHOLOMEYZIK WILLI (DE); BOHRMANN GERHARD (DE); (+1)
Applicant: BASF AG (DE)
EC: H01M8/02C; H01M8/02C2K2; (+3)
IPC: ***H01M2/08; H01M8/02; H01M8/04*** (+8)
Publication info: **EP1437780** - 2004-07-14

8 PIEZOELECTRIC VIBRATOR
Inventor: HONDA TERUMOTO
Applicant: KYOCERA KINSEKI CORP
EC:
IPC: ***H03B5/32; H03H9/02***; **H03B5/32** (+3)
Publication info: **JP2005136812** - 2005-05-26

9 Hermetic sealing of optical module
Inventor: FINOT MARC A (US); LAKE RICKIE C (US)
Applicant:
EC: G02B6/42C; G02B6/42C7
IPC: ***G02B6/42***; **G02B6/42**; (IPC1-7): G02B6/36
Publication info: **US2005058411** - 2005-03-17

10 PACKAGE FOR PIEZOELECTRIC COMPONENT
Inventor: IDE TOSHINORI
Applicant: MIYOTA KK
EC:
IPC: ***H01L23/02; H03H9/02; H03H9/10*** (+6)

RESULT LIST
0 results found in the Worldwide database for:
piezoelectric and cas* in the title AND **oppos* and seam*** in the title or abstract
(Results are sorted by date of upload in database)

Data supplied from the ***esp@cenet*** database - Worldwide

RESULT LIST
0 results found in the Worldwide database for:
piezoelectric and cas* in the title AND **oppos* and weld*** in the title or abstract
(Results are sorted by date of upload in database)

Data supplied from the ***esp@cenet*** database - Worldwide

RESULT LIST
6 results found in the Worldwide database for:
piezoelectric in the title AND **first and second and seam** in the title or abstract
(Results are sorted by date of upload in database)

1 **PIEZOELECTRIC VIBRATOR HOUSING PACKAGE**
Inventor: SUZUKI MAKI **Applicant:** KYOCERA CORP
EC: **IPC:** ***H03H9/02; H03H9/10***; **H03H9/02** (+3)
Publication info: **JP2004229254** - 2004-08-12

2 **Piezoelectric device**
Inventor: TANAKA MASAKO (JP); ENDO TAKASHI (JP) **Applicant:** SEIKO EPSON CORP (JP)
EC: H03H9/05B **IPC:** ***H01L25/16; H01L41/09; H01L41/18*** (+11)
Publication info: **EP1257055** - 2002-11-13

3 **SURFACE-MOUNTED PIEZOELECTRIC VIBRATOR**
Inventor: IIZUKA MINORU **Applicant:** DAISHINKU CORP
EC: **IPC:** ***H01L41/09; H01L23/02; H01L23/04*** (+14)
Publication info: **JP2002084159** - 2002-03-22

4 **PACKAGE FOR ELECTRONIC COMPONENT AND PIEZOELECTRIC VIBRATING DEVICE**
Inventor: OKAMOTO YUKIHIRO; NAKAJIMA MIKIO **Applicant:** DAISHINKU CORP
EC: **IPC:** ***H01L23/02; C23C4/06***; **H01L23/02** (+3)
Publication info: **JP2001196485** - 2001-07-19

5 **PACKAGE FOR ELECTRONIC COMPONENT AND PIEZOELECTRIC VIBRATION DEVICE**
Inventor: NAKADA HOZUMI; NAKAJIMA MIKIO; (+2) **Applicant:** DAISHINKU CORP
EC: **IPC:** ***H01L23/02; H03H9/02; H03H9/10*** (+9)
Publication info: **JP2000236035** - 2000-08-29

6 **SURFACE MOUNTED TYPE PIEZOELECTRIC OSCILLATOR**
Inventor: HIRANO MASATSUGU **Applicant:** DAISHINKU CORP
EC: **IPC:** ***H03H9/02; H03B5/32***; **H03H9/02** (+3)
Publication info: **JP7297666** - 1995-11-10

Data supplied from the ***esp@cenet*** database - Worldwide

tmd

RESULT LIST
9 results found in the Worldwide database for:
piezoelectric or actuator or module in the title AND **two and seams** in the title or abstract
(Results are sorted by date of upload in database)

1 **Airbag module housing, has longitudinal walls with edges in upper regions, where edges are bend outwards at specified degree and bent downward as secondary walls at distance to former walls, such that housing is double-walled in regions**

Inventor: SAUER FRANK (DE)
Applicant: TAKATA PETRI AG (DE)
EC: B60R21/217D
IPC: ***B60R21/217***; **B60R21/20**
Publication info: **DE102004054528** - 2006-05-18

2 **AIR ACTUATOR**

Inventor: SIMMONS CHARLES R; ELLIOTT ROBERT F; (+2)
Applicant: BRIDGESTONE FIRESTONE INC (US)
EC: F15B15/10B
IPC: ***F15B15/10***; **F15B15/00**; (IPC1-7): F15B15/10
Publication info: **WO0212733** - 2002-02-14

3 **HEAT EXCHANGER AND RELATED EXCHANGE MODULE**

Inventor: GUIDAT ROLAND (FR); CLAUDEL MICHEL (FR); (+1)
Applicant: ZIEPACK (FR); GUIDAT ROLAND (FR); (+2)
EC: F28D9/00B; F28D9/00F; (+3)
IPC: ***F28D9/00; F28F3/14; F28F9/00*** (+7)
Publication info: **WO0107854** - 2001-02-01

4 **BUILDING MATERIAL, FIXING TOOL, BUILDING STRUCTURE, SOLAR BATTERY MODULE POWER GENERATION SYSTEM AND FIXING METHOD OF BUILDING MATERIAL**

Inventor: ITOYAMA SEIKI; SHIOMI SATORU; (+2)
Applicant: CANON KK
EC:
IPC: ***E04D3/40; E04D13/18; H01L31/042*** (+6)
Publication info: **JP2000008567** - 2000-01-11

5 **Airbag module for motor vehicles**

Inventor: TURNBULL ROY C (US); MAIER BONNIE L (US)
Applicant: TRW VEHICLE SAFETY SYSTEMS (US)
EC: B60R21/231E
IPC: ***B60R21/16***; **B60R21/16**; (IPC1-7): B60R21/20 (+2)
Publication info: **DE19731450** - 1998-01-29

6 **MOUNT STRUCTURE OF SOLAR CELL MODULE**

Inventor: YOSHIDA HIROYUKI; TANAKA MASAO
Applicant: SHARP KK
EC: H01L31/048B
IPC: ***E04D13/18; H01L31/042; H01L31/048*** (+5)
Publication info: **JP10159284** - 1998-06-16

7 **Columbarium construction module**

Inventor: PIERRE BOISSEAU
Applicant: BOISSEAU PIERRE
EC: E04H13/00D
IPC: ***E04H13/00***; **E04H13/00**; (IPC1-7): E04H13/00
Publication info: **FR2658229** - 1991-08-16

8 **Laterally welding seams of moving plastic film - using 2 work stations with weld units that can be raised or lowered and an actuator with eccentric drives**

Inventor:
Applicant:
EC: B29C65/18; B31B19/64
IPC: ***B29C65/18; B31B19/64***; **B29C65/18** (+4)
Publication info: **DE3913099** - 1989-12-21

9 **Inflatable axially contractable actuator.**

Inventor: IMMEGA GUY BROER
Applicant: IMMEGA GUY BROER
EC: F15B15/10B
IPC: ***F15B15/10***; **F15B15/00**; (IPC1-7): F15B15/08
Publication info: **EP0219327** - 1987-04-22

1
mc

RESULT LIST
26 results found in the Worldwide database for:
piezoelectric or actuator or module in the title AND **butt* and weld*** in the title or abstract
(Results are sorted by date of upload in database)

1 Optical module with lens holder projection-welded to butterfly package
Inventor: TAKAGI TOSHIO (JP) **Applicant:**
EC: G02B6/42C7; G02B6/42C **IPC:** ***G02B6/36***; **G02B6/36**
Publication info: **US2007031093** - 2007-02-08

2 OPTICAL COMMUNICATION MODULE AND ITS MANUFACTURING METHOD
Inventor: IIDA SEIJI **Applicant:** TOKYO SHIBAURA ELECTRIC CO
EC: **IPC:** ***G02B6/42; H01S5/022***; **G02B6/42** (+3)
Publication info: **JP2004094033** - 2004-03-25

3 Container with integral module for heating or cooling the contents and method for its manufacture
Inventor: SCUDDER JAMES A (US); BERNTSEN JAMES L (US); (+5) **Applicant:**
EC: A47J36/28; B29C65/06B; (+2) **IPC:** ***A47J36/28; B29C65/06; B29C69/00*** (+12)
Publication info: **US6351953** - 2002-03-05

4 OPTO-ELECTRONIC MODULE AND METHOD OF MANUFACTURING SUCH MODULE
Inventor: BAETTIG RAINER K (CH); VALK BERND (CH) **Applicant:** JDS UNIPHASE CORP (US); BAETTIG RAINER K (CH); (+1)
EC: G02B6/42C5V2 **IPC:** ***G02B6/42***; **G02B6/42**; (IPC1-7): G02B6/42
Publication info: **WO0068721** - 2000-11-16

5 Airbag module cover attachment and method of attaching a module cover to an airbag module
Inventor: ENDERS MARK L (US) **Applicant:** MORTON INT INC (US)
EC: B60R21/217; B60R21/217D **IPC:** ***B60R21/20***; **B60R21/20**; (IPC1-7): B60R21/20
Publication info: **US5741024** - 1998-04-21

6 OPTICAL MODULE AND ITS MANUFACTURE
Inventor: OGUSU MAKOTO **Applicant:** CANON KK
EC: **IPC:** ***G02B6/26; G02B6/42***; **G02B6/26** (+3)
Publication info: **JP9184939** - 1997-07-15

7 TANK MODULE AND ASSEMBLING METHOD FOR TANK
Inventor: MATSUHISA NOBUO **Applicant:** MORIMATSU KOGYO KK
EC: **IPC:** ***E03B11/00; B65D90/02; B65D90/08*** (+9)
Publication info: **JP8093008** - 1996-04-09

8 OPTICAL SEMICONDUCTOR MODULE AND ITS PRODUCTION
Inventor: TOJO MASAAKI; KURATA NOBORU **Applicant:** MATSUSHITA ELECTRIC IND CO LTD
EC: **IPC:** ***G02B6/32; G02B6/42; H01L33/00*** (+9)
Publication info: **JP7253525** - 1995-10-03

9 OPTICAL SEMICONDUCTOR MODULE
Inventor: MATSUBARA TAKAHIRO **Applicant:** NIPPON SHEET GLASS CO LTD
EC: **IPC:** ***G02B6/32; G02B6/42***; **G02B6/32** (+3)
Publication info: **JP7168064** - 1995-07-04

10 OPTICAL MODULE AND OPTICAL MODULE UNIT
Inventor: KUROSAWA YOSHINORI; TERAOKA TATSUO; (+2) **Applicant:** HITACHI CABLE
EC: **IPC:** ***G02B6/36; G02B6/38***; **G02B6/36** (+3)

RESULT LIST
1 result found in the Worldwide database for:
piezoelectric in the title AND **butt* and seam*** in the title or abstract
(Results are sorted by date of upload in database)

1 PIEZOELECTRIC VIBRATOR AND ITS MANUFACTURE

Inventor: IGARASHI SEIICHI

Applicant: MATSUSHIMA KOGYO KK

EC:

IPC: ***H03H9/05; H03H3/02; H03H9/02*** (+7)

Publication info: **JP62104306** - 1987-05-14

Data supplied from the ***esp@cenet*** database - Worldwide

RESULT LIST
4 results found in the Worldwide database for:
piezoelectric or actuator or module in the title AND **butt* and seam*** in the title or abstract
(Results are sorted by date of upload in database)

1 **Airbag module cover attachment and method of attaching a module cover to an airbag module**
Inventor: ENDERS MARK L (US) **Applicant:** MORTON INT INC (US)
EC: B60R21/217; B60R21/217D **IPC:** ***B60R21/20***; **B60R21/20**; (IPC1-7): B60R21/20
Publication info: **US5741024** - 1998-04-21

2 **PIEZOELECTRIC VIBRATOR AND ITS MANUFACTURE**
Inventor: IGARASHI SEIICHI **Applicant:** MATSUSHIMA KOGYO KK
EC: **IPC:** ***H03H9/05; H03H3/02; H03H9/02*** (+7)
Publication info: **JP62104306** - 1987-05-14

3 **ACTUATOR CAP FOR PRESSURISED DISPENSERS**
Inventor: **Applicant:** AEROSOL INVENTIONS DEV
EC: B65D83/16B1C **IPC:** ***B65D83/16***; *B65D83/14*; **B65D83/16** (+2)
Publication info: **GB1493032** - 1977-11-23

4 **CHILD PROOF OVERCAP AND ACTUATOR FOR AN AEROSOL CAN**
Inventor: GACH P **Applicant:** SUNBEAM PLASTICS CORP
EC: B65D83/16B1C **IPC:** ***B65D83/16***; *B65D83/14*; **B65D83/16** (+2)
Publication info: **US3734354** - 1973-05-22

Data supplied from the ***esp@cenet*** database - Worldwide